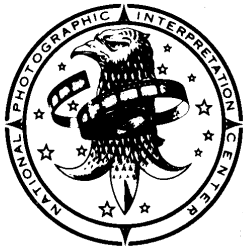


Top Secret



PHOOTOGRAPHIC
INTERPRETATION
REPORT

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

25X1

**NEW PROBABLE
ELECTRONICS-RELATED EQUIPMENT
AT EMBA MISSILE TEST CENTER,
USSR (TSR)**

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OCTOBER 1977

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NEW PROBABLE ELECTRONICS-RELATED EQUIPMENT AT EMBA MISSILE TEST CENTER, USSR (TSR)

1. (TSR) This report describes a new type of probable radar van and a new probable electronics-related vehicle identified at the Emba Unidentified Missile-Associated Installation [] of the Emba Missile Test Center []. An annotated photograph of the installation, two conceptual drawings, and three annotated photographs of the new equipment are included in this report. 25X1
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2. (TSR) [] a new type of probable radar van and a new probable electronics-related vehicle were identified at the eastern hardstand of Emba Unidentified Missile-Associated Installation (Figures 2—4). This is the first significant activity seen at this fence-secured installation since it was constructed in the 1971 to 1974 timeframe. The first activity was observed on the hardstands [] when four vehicles/pieces of equipment were present. [] three electronics vans, a computer van, and the two new pieces of equipment were present in the same parking patterns; [] an additional electronics van was present. 25X1
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3. (TSR) The new type of probable radar van, designated the EM-EL-05, (Figures 2—5), has a box-bodied van section mounted on a four-wheel, gun-carriage chassis with a parabolic dish antenna erected vertically above one end of the van supported by two arms. The shadow of the parabolic dish antenna is clearly visible [] and is approximately 2.0 meters in diameter. Although the antenna systems are different, the van is similar in size to the EM-EL-04 usually seen at electronics facility B [] at Emba. Both the EM-EL-04 and EM-EL-05 []. 25X1
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4. (TSR) The new probable electronics-related vehicle, designated the EM-EL-06, (Figures 2—4 and 6) has a superstructure [] mounted on an [] probable tracked chassis. However, components of the superstructure cannot be determined because of image interpretability limitations. A computer van, attached to the center of the vehicle, is positioned at a 90-degree angle to it. One end of the vehicle is connected by cable to two nearby electronics vans, and cables from the other end of the vehicle are connected to a small building on the edge of the hardstand. The EM-EL-06 was possibly in travel mode [] and possibly in some phase of an operational mode on [] causing the vehicle to appear to be different. 25X1
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5. (TSR) The Emba Unidentified Missile-Associated Installation can now be identified as an electronics research and development facility because of the presence of this equipment. This identification is further supported by the construction of a probable radar calibration tower (Figure 1) approximately 430 meters southwest of the eastern hardstand. The tower was erected [] [] The two hardstands at the facility, the EM-EL-05, and the EM-EL-06 are all [] to launch area C, 9.5 nautical miles to the south-southeast. 25X1
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REFERENCES

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MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet M0236-24HL, 2d ed, May 74, scale 1:200,000 (SECRET) []

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REQUIREMENT

Project 130000NK

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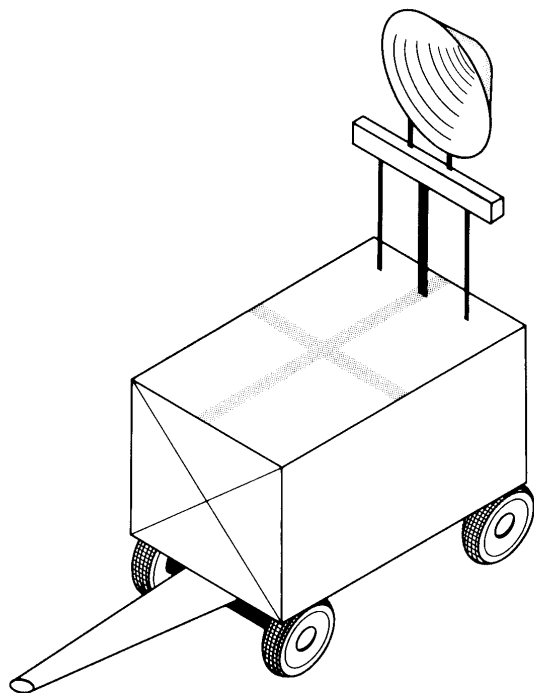
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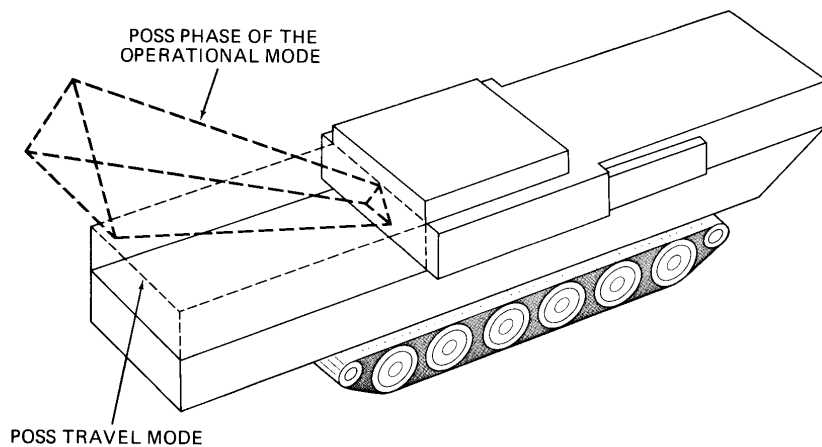
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FIGURE 5. CONCEPTUAL DRAWING OF THE EM-EL-05



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FIGURE 6. CONCEPTUAL DRAWING OF THE EM-EL-06

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